

Anti-SARA Rabbit Monoclonal Antibody

Catalog # ABO16353

Product Information

Application	WB, IHC
Primary Accession	O95405
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-SARA Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Additional Information

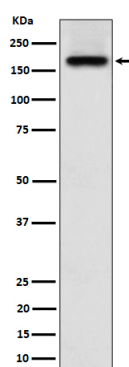
Gene ID	9372
Other Names	Zinc finger FYVE domain-containing protein 9, Mothers against decapentaplegic homolog-interacting protein, Madh-interacting protein, Novel serine protease, NSP, Receptor activation anchor, hSARA, Smad anchor for receptor activation, ZFYVE9, MADHIP, SARA, SMADIP
Calculated MW	156403
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 28Z89
Immunogen	A synthesized peptide derived from human SARA
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	ZFYVE9
Synonyms	MADHIP, SARA, SMADIP

Function	Early endosomal protein that functions to recruit SMAD2/SMAD3 to intracellular membranes and to the TGF-beta receptor. Plays a significant role in TGF-mediated signaling by regulating the subcellular location of SMAD2 and SMAD3 and modulating the transcriptional activity of the SMAD3/SMAD4 complex. Possibly associated with TGF-beta receptor internalization.
Cellular Location	Cytoplasm. Early endosome membrane.
Tissue Location	Ubiquitous. In the brain found primarily in the cerebrovascular smooth muscle cells and reactive astrocytes

Images



Western blot analysis of SARA expression in A673 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.